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- (71) Applicant (for all designated States except US): BIOLAB LTD. [IL/IL]; P.O.Box 34038, 91340 Jerusalem (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ROCHLIN, Elimelech [IL/IL]; Moshav Zanoach 67, 99888 D.N. Shimshon (IL). HILDESHEIM, Jean [IL/IL]; Rothshild 30, 76804 Mazkeret Batya (IL). BERLIN, Alisa [IL/IL]; Neve Yaakov 713/34, 97350 Jerusalem (IL).
- (74) Agent: REINHOLD COHN AND PARTNERS; P.O.Box 4060, 61040 Tel Aviv (IL).

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(54) Title: SPHINGOMYELIN, INTERMEDIATES THEREOF AND METHODS FOR PREPARATION OF SAME

(57) Abstract: The invention concerns novel oxazaphospholanes, cyclic and acyclic, and to their use in the synthesis of sphingomyelin and sphingomyelin analogous as well as to synthetic sphingomyelins obtained therefrom. One group of oxazaphospholane according to the invention has the general formula (1) disclosed herein. Specifically, the invention provides the 2S, 3R stereoisomers of the disclosed oxazaphospholanes and sphingomyelins and synthetic methods for their preparation.

